

Recovery Plan Action Status

Plan Name: Leedy's Roseroot

Plan Status: Final

Plan Date: 25-Sep-98

Lead Agency: USFWS

Lead Office: Twin Cities Ecological Services Field Office

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725-3548)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	1.0	Map populations, and identify landowners	Partially Complete	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, Minnesota Department of Natural Resources, Federal Agencies	Research: Population Surveys	Contract, Internal Administrative, Internal Field Assistance, Species Expert	FY 4 through 10 = \$0
Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	2.1	Determine correlation between seepage areas and distribution(NY)	Not Started			U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, U.S. Geological Survey, Minnesota Department of Natural Resources, Universities, Federal Agencies, Minnesota Department of Agriculture , New York Department of Agriculture	Work type not yet selected	Labor type not yet selected	FY4 through 10 = \$0. Combine work and costs with tasks 2.2 and 2.3

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Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	2.2	Conduct hydrologic studies	Not Started			U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, U.S. Geological Survey, Minnesota Department of Natural Resources, Universities, Federal Agencies, Minnesota Department of Agriculture , New York Department of Agriculture	Work type not yet selected	Labor type not yet selected	FY4 through 10 = \$0. Combined work and costs with tasks 2.1 and 2.3
Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	2.3	Map areas of potential groundwater contamination influence	Not Started			U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, U.S. Fish and Wildlife Service, Environmental Contaminants, New York State Department of Environmental Conservation, U.S. Geological Survey, Minnesota Department of Natural Resources, Universities, Federal Agencies, Minnesota Department of Agriculture , New York Department of Agriculture	Work type not yet selected	Labor type not yet selected	FY4 through 10 = \$0. Combine work and costs with task 2.1 and 2.2

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Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	3.0	Establish and administer a permanent infrastructure for Leedys roseroot protection; secure funding for that protection	Complete	FY 1995 - FY 1999	FY 2006	U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Division of Realty, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, Minnesota Department of Natural Resources	Management: Planning, Other: Regulations	Internal Administrative	FY 4 through 10 = \$21000
Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	4.1	Contact landowners and/or private land trusts and homeowner associations; secure involvement in conservation; enroll sites in conservation easements of other programs; seek acquisition of lands containing significant populations on a willing seller basis	Ongoing Current	FY 1995 - FY 1999		Conservation Organizations, U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, Minnesota Department of Natural Resources, Federal Agencies, Minnesota Department of Agriculture , Walnut Grove Association (landowner association)	Acquisition: General, Management: Planning, Other: Information and Education	Contract, Species Expert	FY4 through 10 = \$88000

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Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	4.2	Prepare management plans for easements and other protected areas and for voluntary landowner association participants	Not Started			Conservation Organizations, U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, Minnesota Department of Natural Resources, Federal Agencies, Minnesota Department of Agriculture , Walnut Grove Association (landowner association)	Work type not yet selected	Labor type not yet selected	FY4 through 10 = \$30000
Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	5.1 and 5.2	Establish and implement a uniform monitoring procedure	Complete	FY 1995 - FY 1999	FY 2000 - FY 2004	U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, Minnesota Department of Natural Resources, Private landowners, Universities, Federal Agencies, Minnesota Department of Agriculture	Research: Population Surveys	Contract, Internal Technical Assistance, Species Expert	FY 4 through 10 = \$30000
Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	5.3	Review monitoring results and management methods	Not Started			U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, Minnesota Department of Natural Resources, Private landowners, Federal Agencies, Minnesota Department of Agriculture	Work type not yet selected	Labor type not yet selected	FY4 through 10 = \$15000

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Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	2	6.0	Provide public education, including advance landowner contact	Partially Complete	FY 1995 - FY 1999		Botanical Gardens, Conservation Organizations, U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, New York State Department of Environmental Conservation, Minnesota Department of Natural Resources, Private landowners, Federal Agencies	Other: Information and Education	Species Expert	FY4 through 10 = \$3500
Leedy's roseroot (Rhodiola integrifolia ssp. leedyi)	3	7.0	Develop and maintain a genetic bank	Not Started			Botanical Gardens, U.S. Fish and Wildlife Service, U.S. Fish and Wildlife Service, Endangered Species Division, Center for Plant Conservation	Work type not yet selected	Labor type not yet selected	FY 4 through 10 = \$3500